PTO-1449 REPRODUCED

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

ATTORNEY DOCKET NO.	APPLICATION NO.
STS96-02A	08/977,787
APPLICANT: Lee Mizzen *et al.*	
FILING DATE: November 25, 1997	GROUP: 1642

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
MVB	AA	4,716,038	29-DEC-87	Stanford *et al.*	424	92	
MVB	AB	5,504,005	04-Feb-96	Bloom *et al.*	435	253.1	
MVB	AC	5,114,844	19-May-92	Cohen *et al.*	435	7.21	
MVB	AD	4,724,144	09-Feb-88	Rook *et al.*	424	88	
	AE						
	AF						
	AG						
	AH						
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	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION YES	TRANSLATION NO
MVB	AL	WO 85/05034	21-Nov-85	PCT				
	AM	WO 89/12455	28-Dec-89	PCT				
	AN	WO 90/15873	27-Dec-90	PCT				
	AO	WO 92/08488	27-Dec-90	PCT				
	AP	WO 93/17712	16-Sep-93	PCT				
MVB	AQ	WO 94/03208	17-Feb-94	PCT				

OTHER DOCUMENTS ***(Including Author, Title, Date, Pertinent Pages, Etc.)***

MVB	AR	Suzue, K. and Young, R.A., "Adjuvant-Free hsp70 Fusion Protein System Elicits Humoral and Cellular Immune Responses to HIV-1 p24[1]," *J. Immunol.*, *156*:873-879, (1996).
	AS	Noll, A. and Autenrieti, I.B., "Immunity against *Yersinia enterocolitica* by Vaccination with *Yersinia* HSP60 Immunostimulating Complexes or *Yersinia* HSP60 plus Interleukin-12," *Infect. & Immun.*, *64*:2955-2961 (1996).
MVB	AT	Barrios, C., *et al.*, "Mycobacterial heat-shock proteins as carrier molecules. II: The use of the 70-kDa mycobacterial heat-shock protein as carrier for conjugated vaccines can circumvent the need for adjuvants and Bacillus Calmette Guerin priming," *Eur. J. Immunol.*, *22*:1365-1372, (1992).

EXAMINER	DATE CONSIDERED
MVB	9/29/99

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MKZ	AL2	WO 94/29459	22-Dec-94	PCT				
	AM2	2 251 186	01-Jul-92	UK				
	AN2	0 322 990	05-Jul-89	EPO				
	AO2	0 262 710	07-Sep-87	EPO				
	AP2	WO 91/15572	17-OCT-91	PCT				
MKZ	AQ2	WO 91/02542	07-Mar-91	PCT				

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MKZ	AU	Kaufman, S.H.E., *et al.*, "Enumeration of T cells reactive with *Mycobacterium tuberculosis* organisms and specific for the recombinant mycobacterial 64-kDa protein," *Eur. J. Immunol., 17*:351-357 (1987).
	AV	Ferrero, R.L., *et al.*, The GroES homolog of *Helicobacter pylori* confers protective immunity against mucosal infection in mice," *Proc. Natl. Acad. Sci. USA, 92*:6499-6503 (1995).
	AW	Young, D., *et al.*, "Stress Proteins are immune targets in leprosy and tuberculosis," *Proc. Natl. Acad. Sci. USA, 85*:4267-4270 (1988).
	AX	Gomez, F. J., *et al.*, "Vaccination with Recombinant Heat Shock Protein 60 from *Histoplasma capsulatum* Protects Mice against Pulmonary Histoplasmosis," *Infect. & Immun., 63*:2587-2595 (1995).
	AY	Del Guidice, G., *et al.*, "Priming to Heat Shock Proteins in Infants Vaccinated against Pertussis," *J. Immunol., 150(5)*:2025-2032 (1993).
	AZ	Barrios, C. *et al.*, Heat shock proteins as carrier molecules: *in vivo* helper effect mediated by *Escherichia coli* GroEL and DnaK proteins requires cross-linking with antigen," *Clin. Exp. Immunol., 98*:229-233 (1994).
	AR2	De Velasco, E.A., *et al.*, Synthetic Peptides Representing T-Cell Epitopes Act as Carriers in Pneumococcal Polysaccharide Conjugate Vaccines," *Infect. & Immun., 63*:961-968 (1995).
	AS2	Konen-Waisman, S. *et al.*,"Self and Foreign 60-Kilodalton Heat Shock Protein T Cell Epitope Peptides Serve As Immunogenic Carriers for a T Cell-Independent Sugar Antigen1," *J. Immunol., 154*:5977-5985 (1995).
MKZ	AT2	Friedland, J.S., *et al.*, "Mycobacterial 65-kD heat shock protein induces release of proinflammatory cytokines from human monocytic cells," *Clin. Exp. Immunol., 91*:58-62 (1993).

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION YES	TRANSLATION NO
MKZ	AL3	WO 92/08484	29-May-92	PCT				
MKZ	AM3	WO 88/06591	07-Sep-88	PCT				
	AN3	WO 88/05823	11-Aug-88	PCT				
	AO3	WO 88/00974	11-Feb-88	PCT				

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MKZ	AU2	Verdegaal, E.M.E., *et al.*, "Heat Shock Protein 65 Induces CD62e, CD106, and CD54 on Cultured Human Endothelial Cells and Increases Their Adhesiveness for Monocytes and Granulocytes," *J. Immunol., 157*:369-376 (1996).
	AV2	Vodkin, M.H. and William, J.M., "A Heat Shock Operon in *Coxiella burnetii* Produces a Major Antigen Homologous to a Protein in Both Mycobacteria and *Escherichia coli*," *J. Bact., 170*(3):1227-1234 (1988).
	AW2	Dubois, P. et al., "Protective immunization of the squirrel monkey against asexual blood stages of *Plasmodium falciparum* by use of parasite protein fractions," *Proc. Natl. Acad. Sci. USA., 81*:229-232 (1984).
	AX2	Ardeshir F., et al., "A 75 kd merozoite surface protein of *Plasmodium falciparum* which is related to the 70 kd heat-shock proteins," *EMBO J., 6*(2):493-499 (1987).
	AY2	Lamb, J.R., *et al.*, "Stress Proteins may Provide a Link Between the Immune Response to Infection and Autoimmunity," *Int'l. Immun., 1*(2):191-196 (1989).
	AZ2	Lindquist, S. and Craig, E.A., "The Heat-Shock Proteins," *Annu. Rev. Genet., 22*:631-677 (1988).
	AR3	Husson, R.N. and Young, R.A., "Genes for the major protein antigens of *Mycobacterium tuberculosis*: the etiologic agents of tuberculosis and leprosy share an immunodominant antigen," *Proc. Natl. Acad. Sci. USA, 84*:1679-1683 (1987).
	AS3	Thole, J.E.R., *et al.*, "Characterization, Sequence Determination, and Immunogenicity of a 64-Kilodalton Protein of *Mycobacterium bovis* BCG Expressed in *Escherichia coli* K-12," *Infect. Immunol., 55*:(6):1466-1470 (1987).
	AT3	Del Giudice, G., *et al.*, "Heat shock protein as "super"-carriers for sporozoite peptide vaccines?," *Res. in Immunol., 162*:703-707 (1991).
	AU3	Young, D.B., *et al.*, "The 65kDa antigen of *mycobacterium* - a common bacterial protein?," *Immunol. Today, 8*(7-8):215-219 (1987).
	AV3	Young, R.A., "Stress Proteins and Immunology," Annu. Rev. Immunol., 8:401-420 (1990).
	AW3	Blander, S.J. and Horwitz, M.A., "Major Cytoplasmic Membrane Protein of *Legionella pneumophila*, a Genus Common Antigen and Member of the hsp 60 Family of Heat Shock Proteins, Induces Protective Immunity ina Guinea Pig Model of Legionnaires' Disease," J. Clin. Invest., 91:717-723 (1993).
MKZ	AX3	Lussow, A.R., et al., "Mycobacterial heat-shock proteins as carrier molecules," Eur. J. Immunol., 21:2297-2302 (1991).

EXAMINER	DATE CONSIDERED
MKZ	9/29/99

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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION YES	TRANSLATION NO
MKB	AP3	WO 97/06821	27-FEB-97	PCT				
	AQ3	WO 97/26910	31-JUL-97	PCT				
	AL4	WO 96/10421	11-APR-96	PCT				
MKB	AM4	WO 95/24923	21-SEP-95	PCT				

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MKB	AY3	Srivastava P.K. and Udono, H., "Heat shock protein-peptide complexes in cancer immunotherapy," *Curr. Opin. Immunol.*, *6*:728-732 (1994).
MKB	AZ3	Levi, R. and Arnon, R., "Synthetic recombinant influenza vaccine induces efficient long-term immunity and cross-strain protection," *Vaccine*, *14*(1):85-92, (1996).
MKB	AB4	DeNagel, D.C. and Pierce, S.K., "Heat shock proteins in Immune Responses," *Crit. Rev. Immunol.*, *13*(1):71-81 (1993).

EXAMINER MKB DATE CONSIDERED 9/29/99